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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/04/02 2600
	Filing Date	1/4/02
	First Named Inventor	Steven Teig
	Group Art Unit	2661
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	SPLX.P0047

**Enclosures (Check all that apply)**

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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Or Individual name	Mani Adeli, Reg. No. 39,585 of Stattler Johansen & Adeli LLP
Signature	
Date	November 13, 2003

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PATENT  
Docket No. SPLX.P0047

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Technology Center 2600

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Steven Teig

Serial No.: 10/040,054

Filing Date: 1/4/02

For: METHOD AND APPARATUS FOR  
STORING ROUTES

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to

the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

This Information Disclosure Statement is submitted within three months of the application filing date or before the mailing date of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

However, in the unlikely event that the Patent Office determines that additional fees, extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-1128** referencing SPLX.P0047. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: November 13, 2003

Respectfully submitted,

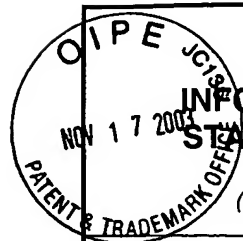
By: \_\_\_\_\_

**Mani Adeli**

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	7	Application Number	10/040,054
				Filing Date	1/4/02
				First Named Inventor	Steven Teig
				Group Art Unit	2661
				Examiner Name	Technology Center 2600
				Attorney Docket Number	SPLX.P0047

**U.S. PATENT DOCUMENTS**

Examiner* Initials	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	2001/0009 031	A1	07-19-2001	Nitta et al.	
	2.	2002/0182 844	A1	12-05-2002	Igarashi et al.	
	3.	2003/0005 399	A1	01-02-2003	Igarashi et al.	
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	5.	5,267,176		11-30-1993	Antreich et al.	
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	19.	6,070,108		05-30-2000	Andreev et al.	
	20.	6,128,767		10-03-2000	Chapman	

Examiner Signature		Date Considered	
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Sheet

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Application Number

10/040,054

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1/4/02

First Named Inventor

Steven Teig

Group Art Unit

2661

Examiner Name

Technology Center 2600

Attorney Docket Number

SPLX.P0047

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43.	6,546,540	B1	04-08-2003	Igarashi et al.	

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Application Number

10/040,054

Filing Date

1/4/02

First Named Inventor

Steven Teig

Group Art Unit

2661

Examiner Name

Technology Center 2600

Attorney Docket Number

SPLX.P0047

**U.S. PATENT DOCUMENTS**

44.	6,557,145	B2	04-29-2003	Boyle et al.	
45.	6,567,967	B2	05-20-2003	Greidinger et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner* Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code (if known)				
	46.	JP	411296560	A	Matsumoto et al.	10-29-1999	with English translation of Abstract;	
	47.	JP	2000-82743	A	Igarashi et al.	03-21-2000	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	48.	JP	H03-173471	A	Tawada et al.	07-26-1991	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	49.	JP	H05-243379	A	Masako Kubota	09-21-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	50.	JP	H05-102305	A	Akihiro Sato	04-23-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the	✓

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Application Number

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First Named Inventor

Steven Teig

Group Art Unit

2661

Examiner Name

Technology Center 2600

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**FOREIGN PATENT DOCUMENTS**

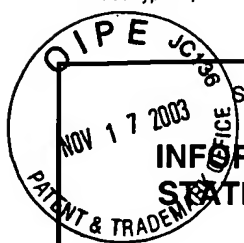
							application.	
51.	JP	H07-86407	A	Shinpei Miura	03-31-1995	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	√	
52.	JP	H09-162279	A	Masaaki Yoshida	06-20-1997	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	√	

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Examiner* Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	53.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.	
	54.	Brady, L. et al., Channel Routing on a 60° Grid, extended abstract, pp. 956-931.	
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	62.	Enbody, R. et al., Near-Optimal <i>n</i> -Layer Channel Routing, 23 <sup>rd</sup> Design Automation Conference, 1986, pp. 708-714.	
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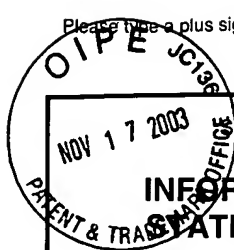
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Sheet	6	of	7	Attorney Docket Number	SPLX.P0047

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## FOREIGN PATENT DOCUMENTS

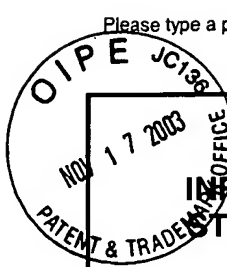
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Application Number	10/040,054
Filing Date	1/4/02
First Named Inventor	Steven Teig
Group Art Unit	2661
Examiner Name	
Attorney Docket Number	SPLX.P0047

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